



UNITED STATES DEPARTMENT OF COMMERCE
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| SERIAL NUMBER | FILING DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKETT NO. |
|---------------|-------------|-----------------------|----------------------|
| 09/776675 | 02-06-01 | Ishii, Nubuo | 08038.0048 |

| EXAMINER | |
|----------|--------------|
| Crowell | |
| ART UNIT | PAPER NUMBER |
| 1763 | 9 |

DATE MAILED:

EXAMINER INTERVIEW SUMMARY RECORD

All participants (applicant, applicant's representative, PTO personnel):

- (1) Michelle Crowell (3) Kevin moon
(2) Luz Alejandro-Mulero (4)

Date of interview 06-05-03

Type: ☐ Telephonic ☒ Personal (copy is given to ☐ applicant ☒ applicant's representative).

Exhibit shown or demonstration conducted: ☐ Yes ☒ No. If yes, brief description:

Agreement ☐ was reached with respect to some or all of the claims in question. ☒ was not reached.

Claims discussed: 1, 8, 15

Identification of prior art discussed: Matsumoto ^{us} 6076 484 + Suzuki EP 0 880164 A1

Description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Discussed the motivation to combine the above references.
Discussed how one can structurally combine the above references. Discussed C-shaped waveguides versus ring-shaped. Examiner suggested ^{proposed} an amendment to overcome the prior art.

(A fuller description, if necessary, and a copy of the amendments, if available, which the examiner agreed would render the claims allowable must be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be attached.)

☐ 1. It is not necessary for applicant to provide a separate record of the substance of the interview.

Unless the paragraph below has been checked to indicate to the contrary, A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION IS NOT WAIVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW (e.g., items 1-7 on the reverse side of this form). If a response to the last Office action has already been filed, then applicant is given one month from this interview date to provide a statement of the substance of the interview.

☐ 2. Since the examiner's interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be presented in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not relieved from providing a separate record of the substance of the interview unless box 1 above is also checked.

Examiner's Signature

A. Michelle Crowell